|          | Index of Claims |                 |                      |          |                     |          |          |                             |           |          |          |  |         | 09/608,637 Examiner Dwin M. Craig |            |             |          |              |     |       |            |           |          | Applicant(s)/Patent under Reexamination  YANG, JIN  Art Unit  2123 |                 |          |          |              |   |  |
|----------|-----------------|-----------------|----------------------|----------|---------------------|----------|----------|-----------------------------|-----------|----------|----------|--|---------|-----------------------------------|------------|-------------|----------|--------------|-----|-------|------------|-----------|----------|--|-----------------|----------|----------|--------------|---|--|
|          |                 | <b>√</b>        | √ Rejected = Allowed |          |                     | [-       | -        | (Through numer<br>Cancelled |           |          |          | al)  |         | N                                 | Non-Elect  |             |          | ed           |     | Α     |            |           |          |  |                 |          |          |              |   |  |
|          |                 | =               |                      |          |                     |          | +        | Restricted                  |           |          |          |  |         | 1                                 | Interferen |             |          | ce           |     | 0     |            |           |          |  |                 |          |          |              |   |  |
| Ci       | aim             | Т               |                      |          |                     | ate      | ate      |                             |           |          | Claim    |  | Date    |                                   | ate        |             |          |              | ı r | Claim |            |           | Date     |  |                 |          |          | ı            |   |  |
| 1 01     | 1               |                 |                      |          | Ť                   | ale      | Т        | Т                           | Τ         |          |          | $\dagger \top$   | Т       | ΠĬ                                |            | Ť           |          | T            |     |       |            | П         | -        | Т  |                 | ;<br>    | $\neg$   | Т            | İ |  |
| Final    | Original        | 6/25/06         |                      |          |                     |          |          |                             |           | Final    | Original |  |         |                                   |            |             |          |              |     | Final | Original   |           |          |  |                 |          |          |              |   |  |
|          | 1               | [-]             |                      |          | $\Box$              |          | $\dashv$ | $\blacksquare$              |           |          | 51       |  |         | П                                 | $\Box$     |             |          | $\perp$      |     |       | 101        |           |          |  |                 |          |          | 1            |   |  |
| <u> </u> | 3               | -               |                      | $\vdash$ | $\dashv$            | +        | +        | +                           | +         |          | 52<br>53 | ++   | +       | $\vdash \vdash$                   | $\dashv$   | $\dashv$    |          | +            | -   |       | 102<br>103 |           | +        | +  | $\vdash$        | -        | +        | +-           | 1 |  |
|          | 4               | v               | $\vdash$             | $\dashv$ | $\dashv$            | $\dashv$ | +        | $\dashv$                    | +         |          | 54       | ++   | +       | $\vdash \vdash$                   | $\dashv$   | $\dashv$    | -+       | +            | -   |       | 104        | -         | +        | +  | +               | $\dashv$ | +        | +            |   |  |
|          | 5               | ٧               |                      | $\Box$   | 丁                   | $\Box$   | $\bot$   | $\perp$                     | $\Box$    |          | 55       |  | $\perp$ | $\Box$                            | $\Box$     |             |          | $\Box$       |     |       | 105        |           | $\perp$  |  |                 |          |          |              | [ |  |
| -        | 7               | -               |                      |          | $\dashv$            | 4        | +        |                             |           |          | 56<br>57 | ++   | +       | $\vdash$                          | -          | -+          | 4        | -            | -   |       | 106<br>107 |           |          | +  | $\sqcup$        |          |          | ┼-           | ļ |  |
| }        | 8               | V               |                      | -        | $\dashv$            | $\dashv$ | +        | +                           | +         |          | 58       | +-+  | ┿       | $\vdash$                          | $\dashv$   | ┰           | -+       | ╅            | ╽┟  |       | 108        | $\dashv$  | -        | +  | Н               | $\dashv$ | +        | ╁            | 1 |  |
|          | 9               | -               |                      |          |                     |          | 士        |                             |           |          | 59       |  |         |                                   |            |             |          |              |     |       | 109        |           |          | T  | П               |          |          | T            |   |  |
|          | 10              | -               |                      |          | $\Box$              |          | $\dashv$ | _                           |           |          | 60       |  | $\bot$  |                                   |            | _           | 4        |              |     |       | 110        |           |          | $\perp$  | П               |          |          | $oxed{oxed}$ | 1 |  |
| ļ        | 11              | -               |                      |          | $\dashv$            | $\dashv$ | +        | +                           | +         | -        | 61<br>62 | ++   | ┿       | $\vdash$                          | $\dashv$   | -           | +        | +            | -   | -     | 111        |           | -        | ╄  | $\vdash$        | $\dashv$ |          | ╁            | - |  |
|          | 13              | ╁               | _                    | -        | -+                  | ┰        | $\dashv$ | +                           | +         |          | 63       | ╁╌┼╴   | +       | $\vdash$                          | +          | ┰┼          | $\dashv$ | ╅╢           | -   |       | 113        | $\dashv$  | +        | +-   | $\vdash$        | $\dashv$ | _        | +            | ł |  |
|          | 14              | V               |                      |          |                     |          | $\perp$  | 士                           |           |          | 64       |  | 1       | П                                 | T          |             |          | 1            |     |       | 114        | $\neg$    |          | _  | П               | $\dashv$ | $\dashv$ | -            | 1 |  |
|          | 15              |                 |                      |          | $\Box$              | $\Box$   | $\bot$   | ightharpoons                |           |          | 65       |  | $\perp$ | П                                 | $\Box$     | $\Box$      | $\perp$  |              |     |       | 115        |           |          |  |                 |          |          |              |   |  |
| -        | 16<br>17        | V<br>V          |                      |          | $\dashv$            | -        | +        | $\perp$                     | +         |          | 66<br>67 | +  | +-      | $\vdash$                          | $\dashv$   | -           |          |              | -   |       | 116<br>117 | $\dashv$  | +        | -  | $\vdash$        |          | -        | +            | - |  |
|          | 18              | Ť               |                      |          | $\dashv$            | $\dashv$ | +        | +                           | +         |          | 68       |  | +-      | $\vdash$                          | -          | $\dashv$    | +        | +            | -   |       | 118        | $\dashv$  | +        | 1  | H               | -        | -        | +-           |   |  |
|          | 19              | -               |                      |          |                     |          | $\perp$  | 工                           |           |          | 69       |  |         |                                   |            |             |          |              |     |       | 119        |           | 土        |  |                 |          |          |              | j |  |
|          | 20              | -               | _                    |          | 4                   | -        | +        | _ _                         | 4         |          | 70       | 1  | $\bot$  |                                   | 4          |             | $\perp$  | $\perp$      |     |       | 120        | _         |          |  | Ш               |          |          |              | ! |  |
| -        | 21<br>22        | -               |                      |          | $\dashv$            | $\dashv$ | +        | +                           | +         |          | 71<br>72 | +  | +       | ╁┼                                | ┥          | +           |          | +            | -   |       | 121<br>122 | $\dashv$  | +        | +  | $\vdash$        | -        | +        | +            | 1 |  |
|          | 23              | -               |                      | $\dashv$ |                     | $\top$   | 十        | _                           | +         |          | 73       | +++  | +       | $\sqcap$                          | 1          | 1           | $\top$   | 1            |     |       | 123        | _         | +        |  | H               | $\dashv$ |          |              |   |  |
|          | 24              | Ŀ               |                      |          |                     |          | $\perp$  | $\Box$                      |           |          | 74       |  |         | П                                 |            |             |          |              |     |       | 124        |           |          |  |                 |          |          |              |   |  |
|          | 25              | -               |                      |          |                     | -        | 4        |                             | 44        | -        | 75       | $\sqcup$   | $\bot$  | Ш                                 | 4          |             | _        | $\perp$      | -   |       | 125        | _         | _        |  |                 | _        | $\bot$   | ļ            |   |  |
|          | 26<br>27        | -               | $\dashv$             | $\dashv$ | $\dashv$            | $\dashv$ | +        | +                           | +         |          | 76<br>77 | ++   | +       | ┼┤                                | -          | -           |          | +            | -   |       | 126<br>127 | $\dashv$  | +        | -  | $\vdash$        | $\dashv$ | +        | -            | 1 |  |
|          | 28              | v               |                      |          | _†                  | _        |          |                             | 力         |          | 78       |  |         | ┢                                 |            | _           |          | 力            |     |       | 128        | $\exists$ | _        | $\perp$  | ⇈               | _        |          | $\perp$      | 1 |  |
|          | 29              | Ξ               |                      |          | $\Box$              | $\Box$   | 工        |                             | $\Box$    |          | 79       |  | I       | $\Box$                            | $\Box$     | $\Box$      |          | П            | ΙŒ  |       | 129        | $\Box$    |          |  | $\Box$          | $\Box$   |          |              | 1 |  |
| -        | 30              | -               |                      | $\dashv$ | $\dashv$            | +        | +        | +                           | +         |          | 80<br>81 | +  | +-      | $\vdash \vdash$                   | $\dashv$   | $\dashv$    | _        | +            | -   |       | 130<br>131 | $\dashv$  |          | +  | $\vdash \vdash$ | $\dashv$ | +        | +            | 1 |  |
| <b> </b> | 32              | +               |                      | $\dashv$ | ᆉ                   | +        | +        | +                           | $\forall$ |          | 82       | ++   | +       | ++                                | $\dashv$   | $\dashv$    | +        | +            |     |       | 132        | $\dashv$  | +        | +  | $\vdash$        | -        | +        | +            | 1 |  |
|          | 33              |                 |                      | 一        | 寸                   | $\top$   | 士        | _                           | 廿         |          | 83       |  |         |                                   |            | _†          | <u> </u> | 力            |     |       | 133        |           | $\perp$  | $\pm$  |                 | _        | $\perp$  |              | j |  |
|          | 34              |                 |                      |          | $\Box$              | $\Box$   | 工        | 1                           | $\Box$    |          | 84       |  | 1       | П                                 | $\Box$     | $\Box$      | $\Box$   | $oxed{\Box}$ |     |       | 134        | $\Box$    | $\perp$  |  | П               |          |          |              |   |  |
| -        | 35<br>36        | $\vdash$        |                      |          | +                   | +        | +        | +                           | +         |          | 85<br>86 | +  | +       | $\vdash \vdash$                   | 4          | $\dashv$    | +        | +            |     |       | 135<br>136 | $\dashv$  | +        | +-   | $\vdash$        |          | -        | +-           |   |  |
| -        | 37              | $\vdash$        | Н                    | $\dashv$ | $\dashv$            | +        | +        | +                           | +         |          | 87       | ++   | +-      | $\vdash \vdash$                   | $\dashv$   | $\dashv$    | $\dashv$ | +            |     |       | 137        | $\dashv$  | +        | +  | $\vdash$        | +        | +        | +            |   |  |
|          | 38              |                 |                      |          |                     |          | 工        | 丁                           |           |          | 88       |  |         |                                   | ╛          |             |          |              |     |       | 138        |           |          |  |                 |          |          |              |   |  |
|          | 39              | $\sqcup$        | $\sqcup$             | $\dashv$ | $\perp$             | $\perp$  | $\bot$   | 4                           | $\Box$    |          | 89       | $+\Gamma$  | $\perp$ | H                                 | _[         | -           |          | +            | ļ   |       | 139        | $\Box$    | $\bot$   | 4_   | $\square$       | _[       | $\bot$   | $\perp$      | 1 |  |
|          | 40<br>41        | $\vdash \vdash$ | $\dashv$             | $\dashv$ | $\dashv$            | +        | $\dashv$ | +                           | +         |          | 90<br>91 | ╂╾┼╌   | +       | $\vdash \vdash$                   | -          | $\dashv$    | $\dashv$ | +            |     |       | 140<br>141 | $\dashv$  | +        | +  | $\vdash \vdash$ | $\dashv$ | +        | $\vdash$     |   |  |
|          | 42              |                 |                      | _        | $\exists^{\dagger}$ | $\dashv$ | $\dashv$ | _                           | $\top$    |          | 92       | ++   | +       | $\Box$                            | $\dashv$   | $\exists$   |          | $\top$       | -   |       | 142        |           | +        | $\top$   |                 | -        | +        | $\top$       |   |  |
|          | 43              |                 |                      | $\Box$   | $\Box$              | $\perp$  | 工        | $\downarrow$                | $\Box$    |          | 93       |  |         | $\Box$                            |            | $\sqsupset$ |          |              |     |       | 143        |           |          |  | П               | $\Box$   |          |              | 1 |  |
|          | 44              | $\vdash \mid$   |                      | $\dashv$ | 4                   | +        | 4        | 1                           | $\dashv$  |          | 94       | 1  | +-      | igspace                           | _[         | $\dashv$    | $\perp$  | +            | ŀ   |       | 44         | $\Box$    | $\perp$  | +  | $\sqcup$        |          |          | 1            |   |  |
| -        | 45<br>46        | H               | $\dashv$             | $\dashv$ | $\dashv$            | $\dashv$ | +        | +                           | +         |          | 95<br>96 | ╂┈┼╌   | +       | $\vdash \vdash$                   | $\dashv$   | $\dashv$    | +        | +            | -   |       | 145<br>146 | $\dashv$  |          | +  | $\vdash \vdash$ | $\dashv$ | +        | +            | 1 |  |
| -        | 47              | $\forall$       | $\dashv$             | $\dashv$ | +                   | $\dashv$ | 十        | +                           | +         |          | 97       | ++   | +       | ++                                | $\dashv$   | $\dashv$    | +        | +            | -   |       | 47         | $\dashv$  | $\dashv$ | +  | $\vdash \vdash$ | $\dashv$ | +        | +            |   |  |
|          | 48              |                 |                      |          |                     |          | 工        | <b>ユ</b>                    |           |          | 98       |  |         | П                                 | ╛          | 1           | $\perp$  |              |     |       | 48         |           |          | 1  |                 | $\Box$   | 工        |              |   |  |
|          | 49              | $\sqcup$        | _                    |          | 4                   | 4        | 4        | $\perp$                     | $\bot$    |          | 99       | $\Box$   |         |                                   | _          | _           |          | $\perp$      |     |       | 49         | $\Box$    |          | -  | $\sqcup$        |          |          |              |   |  |
| L        | 50              | $\Box$          |                      |          |                     |          | 丄        |                             |           | <u> </u> | 100      | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | Ш.      |                                   |            |             | L_       |              | ΙL  |       | 50         |           |          | L.,  | Ш               |          | L        |              | j |  |